

DIRECTORY

Here is the start of what we hope will become a comprehensive list of APPLE software available from outside sources. If you know about a product that should be on this list and isn't, please tell us about it. These are the ones we knew about in December, 1978.

EDUCATION

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
BASIC TUTORIAL		TAPE	\$ 9.95	AJA SOFTWARE
ENGLISH GRAMMAR 1	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 2	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 3	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 4	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 5	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 6	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 7	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 8	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 9	IN PILOT	TAPE	\$ 10.00	Earl Keyser
ENGLISH GRAMMAR 10	IN PILOT	TAPE	\$ 10.00	Earl Keyser
GRADING ROUTINE	16k	TAPE	\$ 7.95	Innovative Computer
GARDENING		TAPE	\$ 10.00	Earl Keyser
IQ BUILDER: VOCABULARY		TAPE	\$ 12.50	Program Design
IQ BUILDER: Number Series		TAPE	\$ 9.50	Program Design
IQ BUILDER: Analogies		TAPE	\$ 9.50	Program Design
INTEGER BASIC TUTORIAL		TAPE	\$ 17.50	Puget Sound Program
LEARNING BASIC	16k	TAPE	\$ 19.95	Innovative Computer
MORSE CODE TRAINER		TAPE	\$ 10.00	Rainbow Computing
Matching Quiz	8k	TAPE	\$ 6.95	Innovative Computer
Memory Aid	8k	TAPE	\$ 6.95	Innovative Computer
Preschool IQ Builder		TAPE	\$ 9.95	Program Design
Step-by-Step BASIC		TAPE	\$ 29.95	Program Design
Story Builder/Word Master		TAPE	\$ 9.50	Program Design
Study Aid	8k	TAPE	\$ 6.95	Innovative Computer
Sell-3 Economic Simulators		TAPE	\$ 10.00	Earl Keyser
Vocabulary Word Games (10)		TAPE	\$ 15.00	Earl Keyser
Workshop Cassette		TAPE	\$ 5.00	Puget Sound Program
Wordsmith, Wumpus		TAPE	\$ 9.95	U ASKED 4 IT

FINANCIAL CALCULATIONS & DATA HANDLING

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
Apple Disk Business Systems		DISK	\$ 35.00	AJA SOFTWARE
Apartment Building Cost Analysis (needs Applesoft)		TAPE	\$ 15.00	Rainbow Computing
Asset Record Program			\$ 49.95	Charles Mann
Apartment Billing		TAPE	\$ 50.00	Darrell's Appeware
Amortization Schedule		TAPE	\$ 24.00	Programmer Software
Business Inventory	10k	TAPE	\$ 40.00	Computing Components
Business Inventory Package		TAPE	\$160.00	Darrell's Appelware
Banking & Financial (20 programs)		TAPE	\$ 19.95	Ed Avelar
Budget Plan		TAPE	\$ 5.95	AJA Software
Billings Management			\$ 89.95	Charles Mann
Check Verification Program			\$ 49.95	Charles Mann
Check Book		TAPE	\$ 20.00	Trans-data
Check Book		DISK	\$ 28.00	Trans-data
Check Book		TAPE	\$ 20.00	Rainbow Computing
Data Management Program			\$ 24.98	Charles Mann
Expense Account Records		TAPE	\$ 50.00	Darrell's Appeware
Executive Management Overview			\$ 49.95	Charles Mann
Financial Tutorial		TAPE	\$ 24.00	Speakeasy Software
Filing System Cross-Reference File		TAPE	\$ 50.00	Darrell's Appeware
File Use Tutorial		TAPE	\$ 15.00	Trans-data
File Use Tutorial		DISK	\$ 23.00	Trans-data
Finances		TAPE	\$ 15.00	Trans-data
Finances		DISK	\$ 23.00	Trans-data
Home Improvement Records		TAPE	\$ 50.00	Darrell's Appeware
Home Inventory Records		TAPE	\$ 50.00	Darrell's Appeware
Home Financial Record Program		TAPE	\$ 20.00	Computer Components
Inventory of Goods		TAPE	\$ 20.00	Earl Keyser
Inventory			\$ 89.95	Charles Mann
Invoicing Program			\$ 59.95	Charles Mann
Income Tax-1040. A & B		TAPE	\$ 25.00	Rainbow Computing
Inventory		TAPE	\$ 35.00	Rainbow Computing
Inventory Package (Sort/POS/ Recorder)			\$125.00	Darrell's Appeware
Ledger Record System			\$ 59.95	Charles Mann
Label Print		TAPE	\$ 10.00	Trans-data
Label Print		DISK	\$ 18.00	Trans-data
Mailing List System		TAPE	\$ 50.00	Trans-data
Mailing List Management			\$ 79.95	Charles Mann
Professional Secretary Package			\$ 89.95	Charles Mann
Personal Secretary Package			\$ 59.95	Charles Mann
Professional Time Management			\$ 59.95	Charles Mann
Program 200 Maintain Inventory File		TAPE	\$ 50.00	Darrell's Appeware

FINANCIAL CALCULATIONS & DATA HANDLING

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
Program 205 Sort on Part Number		TAPE	\$ 20.00	Darrell's Appeware
Program 210 Print Sales Slips & Updates		TAPE	\$ 50.00	Darrell's Appeware
Program 220 Generates Recorders Report		TAPE	\$ 50.00	Darrell's Appeware
Retail Management System			\$ 59.95	Charles Mann
Software Pac #3 Statistics		DISK	\$ 30.00	Basic Business
Software Pac #4 Finance Calculator		TAPE	\$ 15.00	Basic Business
Soft II, Financial Pkg & Golf Handicap		TAPE	\$ 10.00	Dr. George L. Haller
Stock Market Anlysis		TAPE	\$ 9.95	AJA Software
Tax Planning Program			\$ 89.95	Charles Mann
Tax Planning		TAPE	\$ 7.95	Ed Avelar
Universal Database		TAPE	\$ 60.00	Darrell's Appeware
Vendor File.		TAPE	\$ 50.00	Darrell's Appeware

SCIENTIFIC CALCULATION & MATHEMATICS

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
METRIC Conversion		TAPE	\$ 20.00	Trans-data
METRIC Conversion		DISK	\$ 28.00	Trans-data
Math Practice		TAPE	\$ 5.00	Programmer Software
Number Converter Bases		TAPE	\$ 5.00	Astro Graphics
Number Cruncher			\$ 9.95	Micro Users
Super Math		TAPE	\$ 18.00	Trans-data
Super Math		DISK	\$ 25.00	Trans-data
Super Math	16k	TAPE	\$ 7.95	Innovative Computer
Talking Calculator		TAPE	\$ 12.95	Softape Software

LANGUAGES

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
Apple FORTH		TAPE	\$ 37.00	Programma Consultants
Co-resident Assembler				Microproducts
FOCAL		TAPE	\$ 25.00	The 6502 Program Exc
MICRO PRODUCTS Apple Assembler		TAPE	\$ 20.00	Rainbow Computing
PILOT Interpreter		TAPE	\$ 20.00	Earl Keyser
6k Assembler/Text Editor		TAPE	\$ 29.95	ARESCO

ENTERTAINMENT

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
Appletalker		TAPE	\$ 15.95	Softape Software
Appledian—Irish Jig		TAPE	\$ 10.00	Rainbow Computing
Applevision—HIRES GRAPHIC/ MUSIC DEMO		TAPE	\$ 15.00	Rainbow Computing
Astrology (Emphemer is needed)		TAPE	\$ 10.00	ASTRO Graphics
Artillery Duel		TAPE	\$ 10.00	Programmer Software
APPLEODIAN—5 OCTAVES & 12 VOICES		TAPE	\$ 2.00	*SOFTAPE SOFTWARE
AWARI. TOWER OF HANOI. HEXPAWN		TAPE	\$ 2.00	*SOFTAPE SOFTWARE
Bridge Challenger	16k	TAPE	\$ 14.95	Personal Software
Bowling		TAPE	\$ 5.95	AJA Software
Bingo		TAPE	\$ 5.95	AJA Software
Blackjack		TAPE	\$ 10.00	Rainbow Computing
Blackjack		TAPE	\$ 2.00	*Softape Software
Bob Bishop's Hires Starwars		TAPE	\$ 15.00	COMPUTER COMPONENTS
Bob Bishop's Hires Rocket				
Lander		TAPE	\$ 15.00	COMPUTER COMPONENTS
Bob Bishop's Hires Saucer				
Invasion		TAPE	\$ 15.00	COMPUTER COMPONENTS
Bingo for a Printer		TAPE	\$ 10.00	Darrell's Appeware
Beat the House		TAPE	\$ 14.95	G2 Program Library
Biorhythm		TAPE	\$ 10.00	Programmer Software
Bomber		TAPE	\$ 9.95	Softape Software
Battleship 3D Tic-Tac-Toe		TAPE	\$ 12.00	U-ASKED 4 IT
Blackjack		TAPE	\$ 10.00	George W. Lee
Bull & Bears		TAPE	\$ 12.00	Softape Software
Battleship		TAPE	\$ 7.50	Earl Keyser
Color Graphics Game		TAPE	\$ 20.00	Programmer Software
Casino Royale		TAPE	\$ 12.00	U ASKED 4 IT
Code Breaker. Secret Writing		TAPE	\$ 11.95	U ASKED 4 IT
Christmas Carol	8k		\$ 12.95	Micro Users
Car Race Hires Graphics		TAPE	\$ 7.50	Darrell's Appeware
Clinic		TAPE	\$ 14.95	G2 Program Library
Devils Dungeon		TAPE	\$ 10.00	Rainbow Computing
Dollars & Sense		TAPE	\$ 14.95	G2 Program Library
Dr. Apple—ELIZA		TAPE	\$ 5.00	Earl Keyser
Drawing	8k	TAPE	\$ 6.95	Innovative Computer
DOJOWO		TAPE	\$ 10.00	Programmer Software
Desert/Arctic Survival		TAPE	\$ 10.00	Earl Keyser
Don't Fall	8k	TAPE	\$ 6.95	Innovative Computer
Dragon Maze, Digital Derby, Saucer War		TAPE	\$ 2.00	*Softape Software
Electric Crayon	8k		\$ 17.95	Micro Users
Escape	16k		\$ 12.95	Micro Users
Fast Gammon		TAPE	\$ 20.00	Quality Software
Foreign Legion Commando		TAPE	\$ 9.95	U ASKED 4 IT
Funonyms		TAPE	\$ 12.00	Speakeasy Software
Fly-Reaction Game		TAPE	\$ 5.00	Earl Keyser

*Membership required to obtain these programs

ENTERTAINMENT

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
Graphics Package		TAPE	\$ 3.00	ASTRO Graphics
Hangman/Concentration		TAPE	\$ 12.00	U ASKED 4 IT
Horse Race		DISK	\$ 25.00	Trans Data
Hires Life		TAPE	\$ 10.00	Rainbow Computing
Hires Paddle Drawing Routine		TAPE	\$ 20.00	Computer Components
Ham Radio (Send/Receive)		TAPE	\$ 18.00	C H Galfo
Hot Air Balloon		TAPE	\$ 10.00	Earl Keyser
Hyper-Life, & Graphic Demo		TAPE	\$ 2.00	Softape Software
King		TAPE	\$ 10.00	Programer Software
Keyboard Organ		TAPE	\$ 18.00	Trans-Data
Keyboard Organ		DISK	\$ 25.00	Trans-Data
Keyboard Organ	4k	TAPE	\$ 6.95	Innovative Computer
Life		TAPE	\$ 5.00	Earl Keyser
Life		TAPE	\$ 6.50	ASTRO Graphics
Life (high speed, variable size)		TAPE	\$ 12.00	C H Galfo
Maze Game *	16k	TAPE	\$ 12.95	Muse
Music Kaleidoscope		TAPE	\$ 9.95	Softape Software
Microchess 2.0	16k	TAPE	\$ 19.95	Personal Software
Microchess 2.0		TAPE	\$ 15.00	Rainbow Computing
Modeler		TAPE	\$ 10.00	Programmer Software
Music Box	8k	TAPE	\$ 12.95	Micro Users
Music (3 Octaves)		TAPE	\$ 20.00	Computer Components
Microtriva		TAPE	\$ 12.00	Softape Software
Othello Game		TAPE	\$ 10.00	Computer Components
Oregon Trail		TAPE	\$ 10.00	Earl Keyser
Othello, Mastermind, Seven (card game)		TAPE	\$ 2.000	*Softape Software
Pinball		TAPE	\$ 10.00	Earl Keyser
Quiz Baseball	16k	TAPE	\$ 7.95	Innovative Computer
Robots Game		TAPE	\$ 7.50	ASTRO Graphics
Rocket Pilot, Saucer Invasion		TAPE	\$ 12.95	Softape Software
Road Race, Space War		TAPE	\$ 9.95	Softape Software
Save-a-Sketch	8k	TAPE	\$ 6.95	Innovative Computer
Save-a-Story	8k	TAPE	\$ 7.95	Innovative Computer
Star Wars, Space Maze		TAPE	\$ 12.95	Softape Software
SIDE Shows	4k	TAPE	\$ 12.95	Muse
Star Trek/Star Wars		TAPE	\$ 10.00	Rainbow Computing
Stimulating Simulations—Applesoft II		TAPE	\$ 14.95	Personal Software
Tank War	16k	TAPE	\$ 12.95	Micro Users
Trap & Chase (with special hardware)		TAPE	\$ 49.95	B & G Interfaces
Tic-Tac-Talker, Spectrum Analysis		TAPE	\$ 19.95	Softape Software

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PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
U-Draw	16k	TAPE	\$ 17.95	Micro-Users
UFO, Clean Sweep, Star Wars, Lunar Lander		TAPE	\$ 2.00	*Softape Software
Warlords		TAPE	\$ 12.00	Softape Software
10-4 Good Buddy		TAPE	\$ 10.00	Earl Keyser
21		TAPE	\$ 9.95	Softape Software

UTILITY & MISCELLANEOUS

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
Apple-Lis'ner		TAPE	\$ 19.95	Softape Software
Apple Box Mini-Modem		TAPE	\$ 18.50	Puget Sound Program Lib
Automatic Disk-to-Tape				
Back-up Copy		TAPE	\$ 5.00	George W. Lee
Best of Bishop		DISK	\$ 39.95	Softape Software
Common BASIC Programs (Applesoft)		DISK	\$ 22.00	Basic Business
Circuit Logic Development Aid (255 gates)		TAPE	\$ 10.00	Rainbow Computing
Common BASIC Programs		TAPE	\$ 50.00	Programmer Software
Demos & Newsletter		TAPE	\$ 6.45	Southeastern Software
Diet Planning		TAPE	\$ 7.95	Ed Avelar
Drug Store's Patient/Drug File		TAPE	\$ 50.00	Darrell's Appeware
Daily Calendar		TAPE	\$ 50.00	Darrell's Appeware
Demo Cassette with Speechlab Model 20A			\$189.00	Heuristics, Inc.
Data Save to Cassette		TAPE	\$ 20.00	Computer Components
Disk-Compatible Author-Title Index Program		TAPE	\$ 10.00	George W. Lee
HIRES Drawing Program		TAPE	\$ 12.00	ASTRO Graphics
HIRES Graphics for F.P. Basic	24k	TAPE	\$ 30.00	Computer Components
Introl Super-Voice Control/ graphics response		DISK		Mountain Hardware
Instant Library		DISK	\$ 39.95	Softape Software
Instant Library		TAPE	\$ 39.95	Softape Software
Library Pak 1		TAPE	\$ 5.00	Puget Sound Program Lib
Library Pak 2		TAPE	\$ 5.00	Puget Sound Program Lib
Library Pak 3		TAPE	\$ 5.00	Puget Sound Program Lib
Library Pak 4		TAPE	\$ 5.00	Puget Sound Program Lib
Menu		TAPE	\$ 10.00	Earl Keyser
Memory Verify		TAPE	\$ 5.00	Rainbow Computing
Memory Aide		TAPE	\$ 18.00	Trans-Data
Memory Aide		DISK	\$ 25.00	Trans-Data

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UTILITY & MISCELLANEOUS

PROGRAM	MEMORY	MEDIA	PRICE	SOURCE
No-RES Introl Demo-Voice Control of 6 Devices		TAPE/DISK		Mountain Hardware
Rainbow's Pot-of-Gold (49 BASIC Programs)		TAPE	\$ 49.00	Rainbow Computing
Programmed Exercise Program			\$ 19.95	Charles Mann
Super-Talker-Voice Control/Response		TAPE/DISK		Mountain Hardware
Slow Scan TV Receiver (no hardware required)		TAPE	\$ 18.00	C H Galfo
Text Pak #1 (including typesetting)		TAPE	\$ 4.95	Ed Avelar
Trade Pak (6 for 6)		TAPE	Trade	Ed Avelar
Things To Do			\$ 24.95	Charles Mann
Utility Sort		TAPE	\$ 20.00	Darrell's Appeware
Utility Pak #1		TAPE	\$ 5.95	Ed Avelar
Variable Message	8k	TAPE	\$ 6.95	Innovative Computer
Word Processor	20k	TAPE	\$ 50.00	Computer Components
Word Processor—Apple Editor		TAPE	\$ 50.00	Darrell's Appeware
3-D Plot, Etch-a-Sketch, Star Burst		TAPE	\$ 2.00	*Softape Software

*Membership required to obtain these programs

APPLE BIBLIOGRAPHY

Courtesy of: MICRO
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Rankin, Roy and Wozniak, Steve, "Floating Point Routines for the 6502" Dr. Dobbs Journal 1, No. 7, pp. 17-19 (August 1976)

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Interface Age 1, No. 10, pp. 14-23 (September 1976)

Rankin, Roy and Wozniak, Stephen, "Floating Point Routines for 6502" Interface Age 1, No. 12, pp. 103-111 (November 1976)—See also DDJ 1, No. 7, pp. 17-19 (August 1976)

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Ferruzzi, Arthur, "Inside the Apple II", MICRO, No. 1, pp 9-10 (Oct-Nov 1977)

Schwartz, Marc, "Ludwig von Apple II", MICRO, No. 2, p 19 (Dec 77-Jan 78).

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Feagans, John, "A Slightly Sour SWEET 16", Byte 3, No. 2, p 93 (Feb. 1978). Correction of a slight bug in the Wozniak article in Byte, Nov. 1977.

Electronics Warehouse Inc., 1603 Aviation Blvd., Redondo Beach, CA 90278, New Product Announcement.

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Notes on an assembled version of the machine language used by Schwartz, MICRO, No. 2, p 19 in his music program.

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